



FIXINSEWER™ SOLUTIONS
Designed for Wastewater Professionals.
Fast Results. Ruggedly Reliable.

GHS / OSHA HCS 29 CFR 1910.1200 FORMAT

SAFETY DATA SHEET

SETTApHY™

SDS 18215-02

Revised 08/28/2026

1 IDENTIFICATION



Product — SETTApHY™

Product code / SDS — 18215-02

Recommended use — Wastewater treatment biosolids & digester

Manufacturer / emergency contact — Kationx™ Corporation; 321-914-0722



2 HAZARD IDENTIFICATION



HMIS / NFPA

HEALTH	1
FIRE	1
REACTIVITY	0
PPE	E

RESPIRATORY: Do not breathe dust.

FALL: Slippery when wet.

3 COMPOSITION / INFORMATION ON INGREDIENTS



COMPONENT	CAS #	EINECS	WT. %	CLASSIFICATION
Alumino-silicate blend	Proprietary	Proprietary	60–90	Not classified
Water	7732-18-5	215-185-5	1–20	Not classified
Titanium dioxide	13463-67-7	136-675-5	1–5	Carc. 2 — H351

4 FIRST-AID MEASURES



EYE CONTACT — Flush immediately with plenty of water for 15 minutes. If irritation persists, obtain medical attention.

INHALATION — If breathing is difficult, move to fresh air and place in a comfortable resting position. Use artificial respiration and obtain medical attention if required.

5 FIREFIGHTING MEASURES



Non-flammable, non-combustible and non-explosive.

Specific and unusual hazards: N/A. No special firefighting methods required.

6 ACCIDENTAL RELEASE



Avoid breathing dust and eye contact. Wet surfaces may be slippery. Collect and dispose of material without special measures.

7 HANDLING & STORAGE



Commercial and industrial use only. Avoid eye and lung contact. Prevent dust accumulation. Store in a dry area.

CRITICAL FIELD CONTROLS



Control airborne dust



Prevent inhalation



Protect eyes



Keep wet walking surfaces clear



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8 EXPOSURE CONTROLS / PERSONAL PROTECTION



ENGINEERING

Ventilate and filter enclosed rooms and spaces to remove dust.



RESPIRATORY

Wear a dust mask.



EYES

Wear side-shield safety glasses or chemical-resistant goggles.



HANDS

Gloves recommended.



HYGIENE

Follow good industrial hygiene and safety practices.

9 PHYSICAL & CHEMICAL PROPERTIES



PROPERTY	VALUE	PROPERTY	VALUE
State / appearance	Solid powder; light gray–brown	Auto-ignition	N/A — does not ignite
Dilution pH	6–8	Odor / taste	Diatomaceous
Specific gravity	2.6 (water = 1)	Polymerization	None
Melting point / range	>1500°C	Corrosiveness	Non-corrosive in presence of glass
Molecular weight	258.2 g/mole	Vapor density	N/A
Density	8.45 lb/gal	Flash point	N/A
Boiling point	N/A	Solubility	Insoluble in water, solvents, alcohols
Decomposition	Loses crystalline water at 500°C (930°F)	VOC / viscosity / partition coeff.	N/A

10 STABILITY & REACTIVITY



Stable; maintains neutral pH of 7. At high temperature, free quartz may form tridymite (>870°C) or cristobalite (>470°C), which present greater health hazards. TWA-TLV: 0.025 mg/m³.

11 TOXICOLOGICAL INFORMATION



Acute toxicity: N/A. Prolonged exposure may affect the respiratory system. Oral LD₅₀: titanium dioxide >10,000 mg/kg; water >90 mL/kg. Alumino-silicate blend: ACGIH A4 — not classifiable as a human carcinogen. Titanium dioxide: ACGIH A4. Mutagenic effects: N/A.

12 ECOLOGICAL INFORMATION



As a flocculant, product may bind toxic materials. The product itself is not toxic.

13 DISPOSAL CONSIDERATIONS



Dispose of residues and unused product according to all applicable federal, state and local laws and regulations.

14 TRANSPORTATION INFORMATION



The source SDS states there are no restrictions regarding transportation of this product. Confirm current carrier, jurisdictional and site-specific requirements before shipment.



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15 REGULATORY INFORMATION



UNITED STATES

SARA TITLE III §302

Does not contain extremely hazardous material subject to reporting.

SARA §311 / §312

Immediate: Yes • Delayed: Yes • Fire: No • Pressure: No • Reactivity: No

SARA §313

Does not contain toxic chemicals subject to Section 313 and 40 CFR Part 372.

TSCA

Listed in initial inventory, Vol. 1, Appendix A.

CERCLA

Not a listed hazardous substance.

CALIFORNIA PROPOSITION 65

WARNING: May contain extremely small amounts of naturally occurring materials known to California to cause cancer, birth defects or reproductive harm.

PENNSYLVANIA

Regulated under PA Code Chapter 323.

GLOBAL / INVENTORY STATUS

Stockholm Convention

Not subject

Montreal Protocol

Not subject

Rotterdam Convention

Not subject

✓ **DSL** (Canada)
Listed

✗ **NDL** (Canada)
Not listed

✓ **PICCS** (Philippines)
Listed

✓ **KECI** (Korea)
Listed

✓ **ENCS / MITI** (Japan)
Listed

✓ **AICS** (Australia)
Listed

✓ **IECSC** (China)
Listed

✓ **EINECS** (Europe)
Listed

REACH STATUS

Exempt (Annex V.7); product is a naturally occurring mineral.

16 OTHER INFORMATION



NOTICE TO READER

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information. Actual conditions of use and handling are beyond the seller's control. The user is responsible for evaluating all available information for each use and complying with all federal, state and local laws and regulations.

Reason for revision: updated SDS date. **More information:** www.Kationx.com



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Biosolids & Digester Treatment
Commercial & industrial use only

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